



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12291608
SAU: MSAD 35
School: Marshwood Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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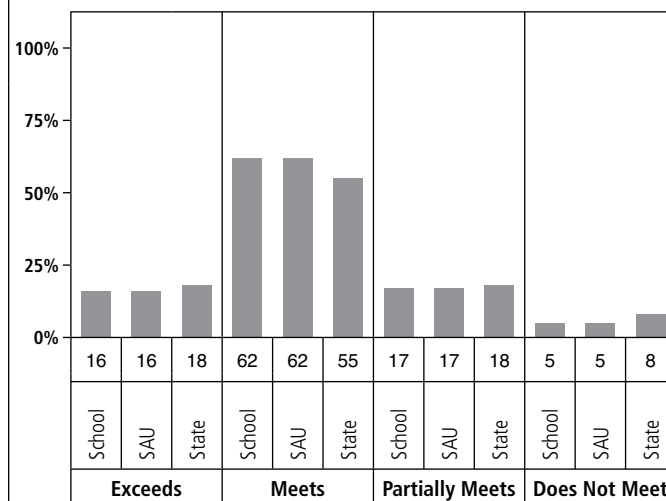
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

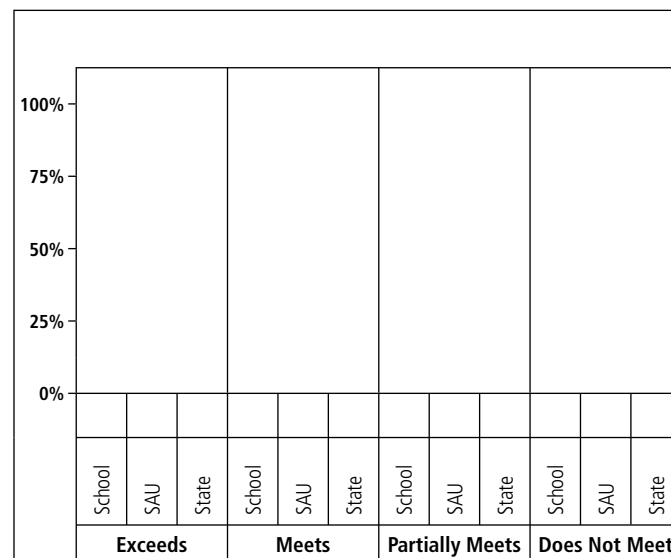
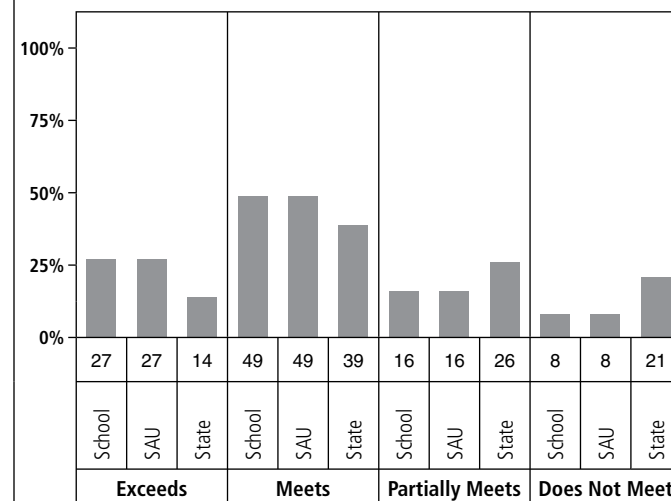
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	748	748	745
2006–2007	749	749	748
2007–2008	751	751	750
Cum. Avg. *	749	749	748
Mathematics			
2005–2006	746	746	740
2006–2007	747	747	742
2007–2008	751	751	743
Cum. Avg. *	748	748	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	192	100	192	100	14818	100	190	99	190	99	14698	99	190	99	190	99	14694	99												
Ethnicity African American/Black	1	1	1	1	381	3	1	100	1	100	372	98	1	100	1	100	375	99												
American Indian or Native Alaskan	1	1	1	1	113	1	1	100	1	100	112	99	1	100	1	100	112	99												
Asian or Pacific Islander	1	1	1	1	219	1	1	100	1	100	213	97	1	100	1	100	217	99												
Hispanic	2	1	2	1	178	1	2	100	2	100	176	99	2	100	2	100	177	100												
Caucasian/White	187	97	187	97	13927	94	185	99	185	99	13825	99	185	99	185	99	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	27	14	27	14	2556	17	27	100	27	100	2508	99	27	100	27	100	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	23	12	23	12	5461	37	23	100	23	100	5408	99	23	100	23	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	172	90	172	90	12195	82	172	90	172	90	12215	82												
Identified disability (PET/IEP)	9	5	9	5	418	3	9	5	9	5	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	1	1	1	1	181	1	1	1	1	1	182	1												
Participation with accommodations	16	8	16	8	2320	16	16	8	16	8	2303	16												
Identified disability (PET/IEP)	16	100	16	100	1912	82	16	100	16	100	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	0	0	0	0	244	11	0	0	0	0	226	10												
Participation through alternate assessment (PAAP)	2	1	2	1	178	1	2	1	2	1	176	1												
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	2	1	2	1	93	1	2	1	2	1	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	32	17	32	17	1769	11
	2006-2007	35	19	35	19	2630	18
	2007-2008	30	16	30	16	2604	18
	Cum. Total*	97	17	97	17	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	101	54	101	54	7521	49
	2006-2007	95	52	95	52	7605	51
	2007-2008	116	62	116	62	8049	55
	Cum. Total*	312	56	312	56	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	38	20	38	20	3773	24
	2006-2007	37	20	37	20	3000	20
	2007-2008	32	17	32	17	2672	18
	Cum. Total*	107	19	107	19	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	15	8	15	8	2399	16
	2006-2007	17	9	17	9	1620	11
	2007-2008	10	5	10	5	1190	8
	Cum. Total*	42	8	42	8	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	36.3	64.8	36.3	64.8	35.3	63.0
Literary Text	28	50	17.6	62.9	17.6	62.9	17.3	61.8
Informational Text	28	50	18.7	66.8	18.7	66.8	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	188	30	16	116	62	32	17	10	5	751	188	16	62	17	5	751	14515	18	55	18	8	750
Ethnicity																						
African American/Black	1										1						365	10	49	19	22	742
American Indian or Native Alaskan	1										1						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	2										2						173	12	54	18	15	746
Caucasian/White	183	30	16	112	61	31	17	10	5	751	183	16	61	17	5	751	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	25	1	4	8	32	9	36	7	28	739	25	4	32	36	28	739	2330	2	30	36	32	735
No	163	29	18	108	66	23	14	3	2	753	163	18	66	14	2	753	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	188	30	16	116	62	32	17	10	5	751	188	16	62	17	5	751	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	22	1	5	11	50	7	32	3	14	744	22	5	50	32	14	744	5299	9	51	26	14	745
No	166	29	17	105	63	25	15	7	4	752	166	17	63	15	4	752	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	188	30	16	116	62	32	17	10	5	751	188	16	62	17	5	751	14514	18	55	18	8	750
Gender																						
Female	89	19	21	56	63	11	12	3	3	753	89	21	63	12	3	753	7084	24	55	15	6	752
Male	99	11	11	60	61	21	21	7	7	749	99	11	61	21	7	749	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	188	30	16	116	62	32	17	10	5	751	188	16	62	17	5	751	13569	19	56	17	8	750
Gifted/talented program																						
Yes	9	7	78	2	22	0	0	0	0	768	9	78	22	0	0	768	574	61	38	1	0	765
No	179	23	13	114	64	32	18	10	6	750	179	13	64	18	6	750	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	2 51 44 3	2 13 14 1	50 14 17 17	0 56 55 5	0 59 66 83	0 18 14 0	0 19 17 0	2 8 0 0	50 8 0 0	747 749 753 754	2 51 44 3	50 14 17 17	0 59 66 83	0 19 17 0	50 8 0 0	747 749 753 754	6 50 40 4	9 17 20 19	42 56 58 49	24 19 16 21	25 8 6 11	741 750 752 749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	39 49 10 2	15 12 3 0	20 13 17 0	48 56 9 3	65 61 50 75	9 18 5 0	12 20 28 0	2 6 1 1	3 7 6 25	753 750 750 743	39 49 10 2	20 13 17 0	65 61 50 75	12 20 28 0	3 7 6 25	753 750 750 743	36 50 11 3	24 16 13 4	58 58 45 35	14 19 26 29	5 8 16 31	753 749 745 737
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	29 52 18 1	20 10 0 0	37 10 0 0	29 65 20 1	54 66 59 100	3 17 12 0	6 17 35 0	2 6 2 0	4 6 6 0	759 749 743 742	29 52 18 1	37 10 0 0	54 66 59 100	6 17 35 0	4 6 6 0	759 749 743 742	28 52 18 2	35 15 3 2	52 60 49 41	9 18 33 28	5 7 15 29	756 750 742 738
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	10 68 23	3 22 5	17 17 12	9 75 32	50 59 74	4 25 3	22 20 7	2 5 3	11 4 7	747 752 751	10 68 23	17 17 12	50 59 74	22 20 7	11 4 7	747 752 751	16 65 19	13 18 21	48 57 57	23 18 16	16 7 6	745 750 752
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	5 58 37	2 11 16	20 10 23	2 67 47	20 62 68	4 25 3	40 23 4	2 5 3	20 5 4	745 749 756	5 58 37	20 10 23	20 62 68	40 23 4	20 5 4	745 749 756	9 55 36	5 14 28	38 57 58	29 22 10	28 7 4	738 748 755
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	33 61 6	11 19 0	18 17 0	38 74 4	61 64 36	11 16 5	18 14 45	2 6 2	3 5 18	752 752 738	33 61 6	18 17 0	61 64 36	18 14 45	3 5 18	752 752 738	44 51 5	18 19 9	56 56 46	18 17 26	8 7 19	750 751 743
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	18 53 15 13	7 22 1 0	21 22 3 0	22 61 21 12	65 61 72 48	4 17 4 7	12 17 14 28	1 0 3 6	3 0 10 24	755 754 746 739	18 53 15 13	21 22 3 0	65 61 72 48	12 17 14 28	3 0 10 24	755 754 746 739	17 45 13 24	25 22 14 8	57 56 56 53	13 16 21 26	6 6 9 13	753 752 748 745
Optional school/SAU question A. B. C. D.	75 0 25 0	0 1	0 100	0 0	0 0	2 0	67 0	1 0	33 0	733 766	75 0 25 0	0 100	0 0	67 0	33 0	733 766						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	37	20	37	20	1646	11
	2006-2007	46	25	46	25	2142	14
	2007-2008	50	27	50	27	2028	14
	Cum. Total*	133	24	133	24	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	76	40	76	40	5497	36
	2006-2007	79	43	79	43	5642	38
	2007-2008	92	49	92	49	5703	39
	Cum. Total*	247	44	247	44	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	44	23	44	23	4514	29
	2006-2007	36	20	36	20	4077	27
	2007-2008	31	16	31	16	3733	26
	Cum. Total*	111	20	111	20	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	31	16	31	16	3797	25
	2006-2007	23	13	23	13	3001	20
	2007-2008	15	8	15	8	3054	21
	Cum. Total*	69	12	69	12	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	10.8	67.5	10.8	67.5	8.8	55.0
Cluster 2: Shape and Size	14	25	6.6	47.1	6.6	47.1	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	4.3	53.8	4.3	53.8	3.5	43.8
Cluster 4: Patterns	18	32	9.9	55.0	9.9	55.0	7.9	43.9

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 35
 School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	188	50	27	92	49	31	16	15	8	751	188	27	49	16	8	751	14518	14	39	26	21	743
Ethnicity																						
African American/Black	1										1						372	5	24	25	45	731
American Indian or Native Alaskan	1										1						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	2										2						175	9	32	30	29	737
Caucasian/White	183	50	27	89	49	30	16	14	8	752	183	27	49	16	8	752	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	25	1	4	8	32	6	24	10	40	734	25	4	32	24	40	734	2321	2	16	26	55	727
No	163	49	30	84	52	25	15	5	3	754	163	30	52	15	3	754	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	188	50	27	92	49	31	16	15	8	751	188	27	49	16	8	751	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	22	1	5	9	41	7	32	5	23	740	22	5	41	32	23	740	5301	5	31	31	33	736
No	166	49	30	83	50	24	14	10	6	753	166	30	50	14	6	753	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	188	50	27	92	49	31	16	15	8	751	188	27	49	16	8	751	14517	14	39	26	21	743
Gender																						
Female	89	21	24	46	52	16	18	6	7	750	89	24	52	18	7	750	7086	14	40	26	20	743
Male	99	29	29	46	46	15	15	9	9	752	99	29	46	15	9	752	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	188	50	27	92	49	31	16	15	8	751	188	27	49	16	8	751	13572	15	40	25	20	743
Gifted/talented program																						
Yes	9	9	100	0	0	0	0	0	0	775	9	100	0	0	0	775	575	64	31	3	1	765
No	179	41	23	92	51	31	17	15	8	750	179	23	51	17	8	750	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	2	50	0	0	0	0	2	50	744	2	50	0	0	50	744	6	7	29	26	37	734
B. less than one hour	51	23	24	47	49	16	17	9	9	750	51	24	49	17	9	750	50	13	39	26	22	742
C. one to two hours	44	23	28	43	52	13	16	4	5	753	44	28	52	16	5	753	40	15	42	26	17	744
D. more than two hours	3	2	33	2	33	2	33	0	0	754	3	33	33	33	0	754	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	36	26	39	31	46	7	10	3	4	757	36	39	46	10	4	757	32	21	40	23	16	747
B. They match some of what I have learned.	54	24	24	50	50	17	17	10	10	750	54	24	50	17	10	750	50	12	42	27	19	743
C. They match just a little of what I have learned.	8	0	0	8	53	6	40	1	7	742	8	0	53	40	7	742	15	7	32	31	30	737
D. There is no match.	3	0	0	3	60	1	20	1	20	738	3	0	60	20	20	738	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	30	61	16	33	3	6	0	0	765	26	61	33	6	0	765	25	34	42	13	11	753
B. good	47	20	23	51	59	12	14	4	5	751	47	23	59	14	5	751	47	10	45	27	18	743
C. fair	23	0	0	24	56	12	28	7	16	740	23	0	56	28	16	740	23	3	30	36	32	735
D. poor	4	0	0	1	13	4	50	3	38	732	4	0	13	50	38	732	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	17	5	16	16	52	6	19	4	13	746	17	16	52	19	13	746	36	6	38	29	27	738
B. about the same as my regular schoolwork	67	32	25	63	50	24	19	7	6	752	67	25	50	19	6	752	53	13	42	27	18	744
C. easier than my regular schoolwork	16	12	40	13	43	1	3	4	13	756	16	40	43	3	13	756	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	40	16	22	35	47	16	22	7	9	748	40	22	47	22	9	748	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	58	33	31	53	50	13	12	8	7	753	58	31	50	12	7	753	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	20	2	40	2	40	0	0	754	3	20	40	40	0	754	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	40	28	38	34	47	7	10	4	5	757	40	38	47	10	5	757	9	15	37	25	23	742
B. two or three days a week	48	16	18	43	48	19	21	11	12	747	48	18	48	21	12	747	20	13	41	26	20	743
C. two or three times each month	11	5	25	13	65	2	10	0	0	755	11	25	65	10	0	755	30	15	40	27	18	744
D. never or almost never	1	0	0	0	0	2	100	0	0	733	1	0	0	100	0	733	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	54	28	28	50	50	17	17	6	6	752	54	28	50	17	6	752	20	17	39	23	22	744
B. two or three days a week	36	15	22	35	52	12	18	5	7	751	36	22	52	18	7	751	29	16	40	25	19	744
C. two or three times a month	7	4	29	6	43	1	7	3	21	748	7	29	43	7	21	748	26	13	40	28	20	743
D. never or almost never	3	3	50	1	17	1	17	1	17	753	3	50	17	17	17	753	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	0	0	6	50	2	17	4	33	735	6	0	50	17	33	735	8	7	32	26	35	736
B. 30–45 minutes	23	9	20	22	50	8	18	5	11	749	23	20	50	18	11	749	41	12	38	27	23	741
C. 45–60 minutes	65	37	30	62	51	18	15	5	4	754	65	30	51	15	4	754	41	17	42	24	16	745
D. more than 60 minutes	5	4	40	2	20	3	30	1	10	753	5	40	20	30	10	753	10	15	38	25	22	743
Optional school/SAU question																						
A.	75	0	0	0	0	0	0	3	100	712	75	0	0	0	100	712						
B.	0										0											
C.	25	0	0	1	100	0	0	0	0	744	25	0	100	0	0	744						
D.	0										0											